| Inde | x of C | laims |     |
|------|--------|-------|-----|
|      |        |       | 100 |

| App | lica | tion | Control | No. |
|-----|------|------|---------|-----|
|-----|------|------|---------|-----|

Applicant(s)/Patent under Reexamination

10/805,980 Examiner

LONG ET AL. Art Unit

Kelly Stouffer

1762

| <b>√</b> | Rejected |
|----------|----------|
| 11       | Allowed  |

| - | (Through numeral)<br>Cancelled |  |
|---|--------------------------------|--|
| + | Restricted                     |  |

| N | Non-Elected  |
|---|--------------|
| _ | Interference |

| A | Appeal   |
|---|----------|
| o | Objected |

| Cla            | aim      |                    |  | Date   |  |             | Cla         | im       |                |          | Da                 | te                |                  |          |          | Cl    | aim         |          | -      | ı  | Date                           | <del></del> |               |          | ٦        |
|----------------|----------|--------------------|--|--|--|-------------|-------------|----------|----------------|----------|--------------------|-------------------|------------------|----------|----------|-------|-------------|----------|--------|--|--------------------------------|-------------|---------------|----------|----------|
| - <del> </del> |          |                    | П  | <u> </u>   |  |             |             |          |                |          |                    | Ť                 |                  | _        | - 5      |       |             | $\neg$   | $\top$ | T  |                                |             | $\neg$        | Т        | ┨        |
|                | Original | 1/11/07            | 1 1  |  |  |             | <del></del> | Original |                |          |                    |                   |                  |          | -, "     | 7     | Original    |          |        |  |                                |             | - 1           | - 1      | - 1      |
| Final          | <u>:</u> | =                  | 1  |  |  | 4.04        | Final       | igi      |                |          |                    |                   |                  |          |          | Final | <u>:</u> jō |          |        |  |                                |             |               |          | - 1      |
| ш              | ō        | -                  |  |  |  | 5           | ш           | ŏ        | 'j             |          |                    |                   |                  |          | - 1      | ш.    | ŏ           |          |        |  |                                |             | - 1           | - 1      |          |
|                |          |                    | +  | +  |  |             |             |          | <u> </u>       | _        | $\vdash$           | +                 |                  | $\dashv$ |          |       |             | _        | +      | ₩.   |                                | _           |               | -        | 4        |
|                | 1        | 7                  | $\perp \perp$                                    | 1  | $\sqcup \bot \bot$                               | - 1         |             | 51       |                |          | $\vdash$           | $\bot \bot$       |                  |          |          |       | 101         |          | $\bot$ |  | Щ                              | $\Box$      | $\rightarrow$ | 4        | _        |
|                | 2        |                    |  |  |  | 1.5         |             | 52       |                |          | <u> </u>           | $\perp$           | $\bot$           | Щ        |          |       | 102         |          |        |  | Ш                              | _           | $\dashv$      |          | _        |
| l              | 3        | <u> </u>           |  | 1  |  |             |             | 53       |                |          |                    |                   | ll               |          |          |       | 103         |          |        |  |                                |             |               |          | 1        |
|                | 4        |                    |  |  |  | ][[         |             | 54       |                |          |                    |                   |                  |          | ٠.       |       | 104         |          |        | 1  |                                |             |               |          |          |
|                | 5        | V                  |  |  |  | 1.2         |             | 55       |                |          |                    | $\top$            | $\neg$           |          | 4        |       | 105         |          |        |  |                                |             |               |          |          |
|                | 6        | V                  |  |  |  |             |             | 56       |                |          | $\vdash$           |                   |                  | $\neg$   |          |       | 106         |          |        | 1  |                                |             |               | T        | ヿ        |
|                | 7        |                    | ++-  | +-   | <del>                                     </del> | 10          |             | 57       | -              | _        |                    | +                 | $\dashv$         | $\dashv$ |          |       | 107         | $\dashv$ | $\top$ | 1  | Н                              |             | $\dashv$      | 十        | ╗        |
|                | 8        | M                  | ++   | +  | <del> </del>                                     | - i est     |             | 58       |                | -        | ┝╼┼╴               | +                 | $\dashv$         | ᅱ        |          |       | 108         | $\dashv$ | ╅      | ╁  | $\vdash$                       | $\dashv$    | $\dashv$      | $\dashv$ | ᅱ        |
|                | 9        | V                  | +  | ++-  | <del>                                     </del> |             |             | 59       |                | ⊢        |                    | +                 |                  | ᅱ        |          |       | 109         | -        | +      | ┼  |                                | -           | $\dashv$      | -        | ᅱ        |
| <u> </u>       |          | <del>ŏl-</del>     | +  | +  | <del>                                     </del> |             |             | 60       | $\vdash\vdash$ | Н        | $\vdash$           | +                 | +                | $\dashv$ |          | -     |             | $\dashv$ | +      | ╀  | Н                              |             | $\dashv$      | +        | $\dashv$ |
|                | 10       | $Q_{\parallel}$    | 1  | <del>   -  -  -</del>                              |  |             |             |          |                | H        | $\vdash$           | +                 | -                | 괵        | 4        |       | 110         |          |        | ╄  | _                              | _           |               | 4        | ᅬ        |
|                | 11       |                    | +  | <del>                                     </del>   | $\square$  |             |             | 61       | 1              | Щ        | $\vdash$           | +                 | $\dashv$         | Щ        |          |       | 111         | _        | +      | 1  | Ш                              | Щ           | $\downarrow$  | $\dashv$ | ᅬ        |
|                | 12       | 4                  | $\bot \bot$                                      |  |  |             |             | 62       | <u> </u>       | L.       | $\sqcup$           | 1_                |                  |          | 4        |       | 112         | $\perp$  | _ _    | <del> </del>   |                                |             | _             | 4        | _        |
|                | 13       | 1                  |  |  |  |             |             | 63       |                | Ш        |                    | $\bot$            | ot               | 凵        |          |       | 113         |          |        |  |                                |             | $\perp$       | $\perp$  |          |
|                | 14       | <b>√</b> ,         |  |  |  |             |             | 64       |                |          | 1                  | 1.1               |                  | J        |          |       | 114         |          |        |  |                                |             |               | _        |          |
|                | 15       | $\overline{V}$     |  |  |  |             |             | 65       |                |          |                    | III               |                  | $\neg$   |          |       | 115         |          | T      |  |                                | $\Box$      | T             | T        | ٦        |
|                | 16       | 0                  |  |  |  |             | ,           | 66       |                |          |                    | $\top$            |                  |          |          |       | 116         |          | 1      | 1  |                                |             |               | T        | ヿ        |
|                | 17       | V.                 | $\top$   | <del>      -   -   -     -                  </del> |  |             |             | 67       |                | П        |                    | 1-1               | $\neg$           | 一        |          |       | 117         |          | $\top$ | T  |                                | $\neg$      | $\dashv$      | $\top$   | ヿ        |
| $\vdash$       | 18       | Ĭ.                 | +  | +-+-   | <del>                                     </del> | 1           |             | 68       |                | $\vdash$ |                    | +-1               | $\dashv$         | $\dashv$ | ایہ      |       | 118         |          | +-     | _  | $\vdash$                       | -           | $\dashv$      | $\dashv$ | $\dashv$ |
|                | 19       | <b>V</b>           | +  | + +  | <del>   </del>                                   |             |             | 69       | +              | Н        | $\vdash$           | +-1               | +                | ⊣        |          |       | 119         |          | +      | +  | $\vdash$                       | -           | -             | $\dashv$ | 一        |
| -              | 20       | 0                  | ++   | +  |  | 1 1         |             | 70       | _              | Н        | -                  | +                 | $\rightarrow$    | ⊣        | إنيا     |       | 120         |          | ╁      |  | H                              | $\dashv$    | $\dashv$      | +        | $\dashv$ |
| <u> </u>       |          | 7                  | ++   | +  |  | 14          |             |          | _              | Н        | +                  | +                 | $\dashv$         | $\dashv$ | <b>*</b> |       | 120         | +        | +-     | $\vdash$   | _                              | $\dashv$    | $\dashv$      | +        | $\dashv$ |
|                | 21       | 1                  |  | <del>  </del>                                      |  |             |             | 71       |                | _        |                    | $\dashv$          |                  | _        | -        |       | 121         | -        | - -    | <del> </del>   |                                | _           | _             | -        | _        |
|                | 22       | <b> </b>           | 1—   | <b>└</b>   |  | li di       |             | 72       |                | Ш        | $\perp$            | +                 |                  |          |          |       | 122         |          | 4_     | ↓_   |                                |             | _             | _        | _        |
|                | 23       |                    |  |  |  |             |             | 73       |                |          |                    | $\perp$           |                  |          | 4        |       | 123         |          |        | _  |                                |             |               | $\perp$  |          |
|                | 24       |                    |  |  |  |             |             | 74       |                |          |                    |                   |                  |          |          |       | 124         |          |        |  |                                |             |               |          |          |
|                | 25       |                    | 1 1  |  |  | - 3         |             | 75       |                |          | -                  |                   |                  |          |          |       | 125         |          |        | [  |                                |             |               |          |          |
|                | 26       | П                  |  |  |  | 1.4         |             | 76       |                |          |                    |                   |                  |          |          |       | 126         |          |        | 1  |                                |             | -1            | П        | ٦        |
|                | 27       |                    |  |  |  | 1.35        |             | 77       |                |          |                    | $\top$            |                  |          |          |       | 127         |          | 1      |  |                                |             |               | 一        | ᄀ        |
|                | 28       |                    |  | 1  |  |             |             | 78       | $\neg$         | М        |                    | 11                | $\dashv$         | $\neg$   |          |       | 128         |          | $\top$ | $\vdash$   |                                | _           | $\neg$        | _        | ⇥        |
|                | 29       |                    | +  | +-   |  |             |             | 79       | -              | Н        |                    | +                 | $\dashv$         | $\dashv$ |          |       | 129         | $\dashv$ | +      | 1  |                                | $\dashv$    | $\dashv$      | $\dashv$ | ᅥ        |
| <u> </u>       | 30       | +                  | ++   | ++-  |  |             | _           | 80       | _              | Н        |                    | +                 | _                | -        | . }      |       | 130         | $\dashv$ |        | ╁  | $\dashv$                       | -           | $\dashv$      | $\dashv$ | ᅱ        |
| <u> </u>       |          | ++                 | ++   | ╁┼   |  | - Sec. 19   |             | 81       |                | Н        | $\vdash$           | +                 | +                |          |          |       |             | +        | +-     | ₩  | $\vdash$                       | -           | $\dashv$      | +        | $\dashv$ |
|                | 31       |                    | <del>                                     </del> | +  |  |             |             |          |                | Н        | -                  | +                 |                  |          |          |       | 131         | $\dashv$ | +      | ┼  |                                |             | $\dashv$      | +        | $\dashv$ |
|                | 32       | 44                 |  | ₩.   | <del>                                     </del> |             |             | 82       |                | $\vdash$ |                    |                   |                  | _        | 40       |       | 132         |          | _      | ₩  | _                              | _           | -             | $\dashv$ | _        |
| Щ.             | 33       | $\coprod$          | 1-1-   | <b></b>  |  | li.         |             | 83       |                | Ш        | Ц.                 | $\bot$            |                  | _        |          |       | 133         | _        | 4      | $\perp$  | Ш                              |             | $\dashv$      | $\dashv$ | _        |
| ldash          | 34       | $\coprod$          | $\bot$   |  |  | tire<br>Lig |             | 84       | <u> </u>       |          | Щ.                 | $\perp \perp$     | $\perp$          |          |          |       | 134         | _        |        | 1_   |                                |             | $\dashv$      |          |          |
|                | 35       |                    | <u> </u>   |  |  |             |             | 85       |                |          |                    | $\perp$           |                  |          | 抽        |       | 135         |          |        | $oldsymbol{ol}}}}}}}}}}}}}}}}$ |                                |             |               |          |          |
|                | 36       |                    |  |  |  |             |             | 86       |                |          |                    |                   |                  |          | :::"[    |       | 136         | T        |        |  |                                |             | J             |          | ٦        |
|                | 37       |                    |  |  |  |             |             | 87       |                |          |                    |                   | I                |          |          |       | 137         |          | T      | П  |                                |             | $\neg$        | $\top$   | ヿ        |
|                | 38       | JI.                | $\top$   |  |  | 14          |             | 88       | $\neg \vdash$  |          | $\neg \vdash$      | 77                | 77               |          | 2 1      |       | 138         | _        | 1      |  |                                | $\neg$      | 寸             | $\neg$   | ヿ        |
|                | 39       |                    | 1-1  | 1-1-   |  | 1 1         |             | 89       | _              | Н        | -                  | 1 1               | $\dashv$         | $\dashv$ | ŀ        |       | 139         | $\dashv$ | 1      | $\vdash$   | $\dashv$                       |             | $\dashv$      | $\dashv$ | ᅥ        |
|                | 40       | $\dashv$           | ++   | + + -  |  | 1           |             | 90       |                | $\vdash$ |                    | +                 | $\dashv$         | $\dashv$ | · ŀ      |       | 140         | $\dashv$ | +-     | $\vdash$   |                                | $\dashv$    | $\dashv$      | +        | $\dashv$ |
|                | 41       | +                  | + +-   | +  | <del>                                     </del> |             |             | 91       | $\dashv$       | $\vdash$ |                    | ++                |                  | $\dashv$ |          | •     | 141         | +        | +-     | +-   |                                | -           | $\dashv$      | +        | $\dashv$ |
|                | 42       | $\dashv$           | ++   | +  | $\vdash$   |             | -           | 92       | $\dashv$       | $\vdash$ |                    | +                 | $\dashv$         | $\dashv$ |          | _     | 142         | +        | +-     | $\vdash$   | $\dashv$                       | $\dashv$    | +             | +        | ᅱ        |
|                | 42       |                    | +  | <del>                                     </del>   | <del>                                     </del> | 拉           |             |          | +              | $\vdash$ | +                  | +-+               |                  |          | 3        |       | 142         | -        | +      |  | $\vdash$                       |             | -             | +        | ᅴ        |
|                | 43       | $\vdash$           | ++   | ₩  |  | 175         |             | 93       | $\dashv$       | $\vdash$ | $\vdash$           | +                 |                  | _        | îc.      |       | 143         | $\perp$  | +-     | -  | $\vdash$                       |             | $\dashv$      | +        | ᅴ        |
|                | 44       | $oldsymbol{\perp}$ | +  | +  | $\sqcup \sqcup \sqcup$                           |             |             | 94       |                | Щ        | $\perp$            | 4-1               | $\dashv$         | _        |          |       | 144         | _        | 4      | $\perp$  |                                |             | $\dashv$      | 4        | ᅬ        |
|                | 45       |                    | 11:  | $\bot \bot$  |  |             |             | 95       |                | Ш        | $oldsymbol{\perp}$ | $\bot \downarrow$ | $\bot\!\!\!\bot$ | _        | jų.      |       | 145         |          |        | $\vdash$   |                                | _           | $\perp$       | $\perp$  |          |
|                | 46       |                    |  |  |  |             |             | 96       |                |          |                    |                   | [                | لــ      |          |       | 146         |          |        |  |                                | [           |               |          |          |
|                | 47       |                    | $\perp$ T  |  |  |             |             | 97       |                |          | •                  |                   | $\Box$           | $\neg$   | - [      |       | 147         |          |        |  |                                |             | T             | Т        | $\neg$   |
|                | 48       |                    | 11   |  |  | 1           |             | 98       |                | П        |                    | 11                | $\dashv$         | $\neg$   | ı        |       | 148         | $\neg$   | $\top$ |  |                                | $\neg$      | 丁             | 寸        | ╛        |
|                | 49       |                    | 1  | $\Box$   |  |             |             | 99       | 1              | П        |                    | 11                | ++               | $\dashv$ | ۱-       |       | 149         | $\dashv$ |        | 1  | $\dashv$                       | _           | 十             | 十        | ヿ        |
|                | 50       | -                  | +  | <del>                                     </del>   |  | 13,         |             | 100      | $\dashv$       | $\vdash$ | _                  | ++                | $\dashv$         | $\dashv$ |          |       | 150         | $\dashv$ | +      | T  |                                | $\dashv$    | $\dashv$      | $\dashv$ | $\dashv$ |
| لـــــــا      |          |                    |  |  |  | _ ~_(       | i           | 100      |                | L        |                    |                   |                  |          | . L      |       | 130         |          |        | 1  | $oldsymbol{oldsymbol{\sqcup}}$ |             | _             |          |          |